BRUHAT BANGALORE MAHANAGARA PAILKE

CONSTRUCTION OF ADDITIONAL CLASS ROOMS, TOILET AND AUDITORIUM AND PROVIDING OFFICE ACCESSORIES TO YELAHANKA GOVERNMENT DEGREE COLLEGE, YELAHANKA, BANGALORE IN WARD NO. 01

SECOND FLOOR

Est.cost. Rs. 9343000.00

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
1	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications **Dismantling brick/Tile work B. In cement mortar.**								
	P.No.136, I.No.18.23								
	Northern Block(Parapet Walls)	2	65.33	0.15	1.00	19.60			
	Southern Block	2	48.90	0.15	1.00	14.67			
						34.27	cumt	**245.92**	**8427.43**
	Basic Rate	232.00							
	Area Weightage 6%	13.92							
	Total	**245.92**							
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. **Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20.**								
	S.R.page 136 item 18.18								
	Northern Block	1	65.33	9.17	0.15	1.38			
	Southern Block	1	48.90	9.00	0.15	1.35			
						2.73	Cumt	**375.24**	**1022.72**
	Basic Rate:	354.00							
	Area Weightage @ 6%	21.24							
	Total	375.24							
3	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works inground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.								
	S.R Page no 13, item no 4.12								
a	**Columns**								
	North Side	34	0.45	0.30	2.90	13.31			
	Passage	17	0.30	0.30	2.90	4.44			
	Eastern Side	20	0.45	0.30	2.90	7.83			
		9	0.30	0.30	2.90	2.35			
	Columns upto parapet height	51	0.45	0.30	1.00	6.89			
		29	0.30	0.30	1.00	2.61			
						37.42			
b	**Staircase**								
	Waistslab	4	3.60	1.50	0.15	3.51			
	Landing	2	3.00	1.50	0.15	1.35			
	Steps	24	1.50	0.0225		0.81			
d	Staircase sides	2	3.75	0.10	1.00	0.75			
						6.42			

e	**Lintels**								
	North side	1	147.00	0.20	0.20	5.88			
	Eastern side	1	112.30	0.20	0.20	4.49			
						10.37			
	Basic Rate:	6074.00				**54.21**	Cumt	**6544.44**	**354800.27**
	Add: Lift Charges for First Floor	50.00							
	Add: Lift Charges for Second Floor	50.00							
	Total	6174.00							
	Area Weightage @ 6%	370.44							
	Total	6544.44							
4	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregares of ready mixed concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(excluisive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25								
	S.R.page 18 item 4.49/4.49.2								
a	**Roof Slab**								
	North Side	1	65.33	9.24	0.15	90.55			
	Eastern Side	1	40.00	9.24	0.15	55.44			
						145.99			
	Deduction of staircase	2	5.10	3.10	0.15	4.74			
						141.24			
b	**Beams**								
	North Side	2	65.33	0.30	0.45	17.64			
	Corridor	1	65.33	0.30	0.45	8.82			
	cross walls	17	9.24	0.30	0.45	21.21			
	Eastern Side	2	40.00	0.30	0.45	10.80			
	Corridor	1	40.00	0.30	0.45	5.40			
	Cross walls	10	9.24	0.30	0.45	12.47			
						76.34			
	Basic Rate:	6048.00				**217.58**	Cumt	**6410.88**	**1394897.41**
	Area Weightage @ 6%	362.88							
	Total	6410.88							
5	Providing and laying in Mat for RCC roof at below the steel for avoiding concrete cement slurry as per the requirement of Engineer incharge.(Approved Data Rates)								
	Roof Slab								
	North Side	1	65.33	9.24		603.65			
	Eastern Side	1	40.00	9.24		369.60			
						973.25	Sqmt	**65.00**	**63261.20**
6	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.5175cum and fine aggregtes @ 0.345cum, with superplastisiser @0.225lts, machine mixed, well compacted for **plain chajja** of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications.								
	SR Page 14 iteam 4.19								
	Windows								
	North Side	16	1.80		0.45	12.96			
	South Side	10	1.80		0.45	8.10			
						21.06	Sqmt	**461.10**	**9710.77**
	Basic Rate:	435.00							
	Area Weightage @ 6%	26.10							
	Total	461.10							

7	Providing and removing Centering, shuttering, strutting, propping etc., for **columns,** pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.								
	S.R.page 16 item 4.32								
	North Side	34	1.50		3.90	198.90			
	Passage	17	1.50		3.90	99.45			
	Eastern side	20	1.50		3.90	117.00			
		9	1.50		3.90	52.65			
						468.00	Sqmt	**386.90**	**181069.20**
	Basic Rate:	355.00							
	Add: Lift Charges for First Floor	5.00							
	Add: Lift Charges for Second Floor	5.00							
	Total	365.00							
	Area Weightage @ 6%	21.90							
	Total	386.90							
8	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs landings balconies and likes thickness upto 200 mm including cost of all materials labour complete as per specifications upto 3.5M from Ground level								
	S.R.page 15 Item No. 4.18								
	Roof Slab								
		1	63.53	8.50		540.01			
		1	38.80	8.50		329.80			
						869.81			
	Deduction of staircase	2	5.10	3.10		31.62			
						838.19	Sqmt	**333.90**	**279869.97**
	Basic Rate:	305.00							
	Add: Lift Charges for First Floor	5.00							
	Add: Lift Charges for Second Floor	5.00							
	Total	315.00							
	Area Weightage @ 6%	18.90							
	Total	333.90							
9	Providing & removing centering shuttering,strutting, propping etc., and removal of form work for sides & soffits of beams, beam haunchings, cantilever girders, bresumers and **lintels** not exceeding 1m in depth including cost of all materials, labour complete as per specifications.								
	S.R Page no 16, item no 4.34								
	Lintels								
	North side	4	147.00		0.20	117.60			
	Eastern side	4	112.30		0.20	89.84			
	Beams								
	North Side	4	65.33		0.45	117.59			
	Corridor	2	65.33		0.45	58.80			
	cross walls	34	9.24		0.45	141.37			
	Eastern Side	4	40.00		0.45	72.00			
	Corridor	2	40.00		0.45	36.00			
	Cross walls	20	9.24		0.45	83.16			
						716.36	Sqmt	**275.60**	**197429.64**
	Basic Rate:	250.00							
	Add: Lift Charges for First Floor	5.00							
	Add: Lift Charges for Second Floor	5.00							
	Total	260.00							
	Area Weightage @ 6%	15.60							
	Total	275.60							
10	Providing and removing centering, shuttering, strutting,propping etc., for chajjas,corbalsetc., including edges incluidng cost of all materials, labour complete as per specifications.								
	SR Page 16 iteam 4.37								
	Second Floor								
	Windows								
	North Side	16	1.80	0.45		12.96			

	South Side	10	1.80	0.45		8.10			
						21.06	Sqmt	**289.38**	**6094.34**
	Basic Rate:	263.00							
	Add: Lift Charges for First Floor	5.00							
	Add: Lift Charges for Second Floor	5.00							
	Total	273.00							
	Area Weightage @ 6%	16.38							
	Total	289.38							
11	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton.								
	SR Page 16 iteam 4.38								
	Staircase								
	Waistslab	2	3.60	1.50		10.80			
	Landing	1	1.50	3.00		4.50			
	Steps- North and East Sides	48	1.50	0.15		10.80			
	Sides	4	7.20	0.30		8.64			
						34.74	Sqmt	**504.56**	**17528.41**
	Basic Rate:	466.00							
	Add: Lift Charges for First Floor	5.00							
	Add: Lift Charges for Second Floor	5.00							
	Total	476.00							
	Area Weightage @ 6%	28.56							
	Total	504.56							
12	Providing **TMT Steel Reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. **TMT Bars Fe 500**								
	S.R.page 19 item 4.46.2								
a	For column					37.42	cumt		
	1.5%					0.56			
	7850 kg/cmt					4406.44	kgs		
						4.41	MT		
b	For Beam					76.34	cuft		
	1.0%					0.76			
	7850 kg/cmt					5992.57	kgs		
						5.99	MT		
c	For slab					141.24	cumt		
	1.00%					1.41			
	7850 kg/cmt					11087.68	kgs		
						11.09	MT		
d	For stair case					6.42	cumt		
	1.00%					0.64			
	7850 kg/cmt					5039.70	kgs		
						5.04	MT		
e	chajja					21.06	Cum		
	at 0.50%					0.11			
	@ 7850 kg/cmt					826.61	kg		
						0.83	MT		
f	For Lintels					10.37	cumt		
	0.50%					0.05			
	7850 kg/cmt					407.10	kgs		
						0.41	MT		

	TOTAL					**27.76**	M.T	**69456.50**	**1928119.29**
	Basic Rate:	64635.00				32.58		59172.65	1927844.94
	Add: Lift Charges for First Floor	445.00							
	Add: Lift Charges for Second Floor	445.00							
	Total	65525.00							
	Area Weightage @ 6%	3931.50							
	Total	69456.50							
13	Providing and constructing precast concrete Solid Blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quion, jamb, closer blocks) with Solid Concrete Blocks of size **(40x20x20)** cms confirming to I.S 2185/1965 in Superstructure including cost of all materials, labour charges, scaffolding, curing complete as per specifications.								
	S.R Page no 25, item no 5.27								
	North side								
		1	200.00		2.90	580.00			
	Corridor wall	1	65.33		1.00	65.33			
	Parapet wall	1	140.00		1.00	140.00			
	Platforms in front of wall	11	3.00	2.00		66.00			
						851.33			
	Deductions of Openings								
	D	8	1.20		2.10	20.16			
	W	31	1.50		1.35	62.78			
	North Side-columns	34	0.45		2.90	44.37			
	Passage	17	0.30		2.90	14.79			
	Lintels	1	147.00		0.20	29.40			
						171.50			
						679.84			
	Eastern Side								
		1	120.20		2.90	348.82			
	Corridor wall	1	40.00		1.00	40.00			
	Parapet wall	1	98.50		1.00	98.50			
						487.32			
	Deductions of Openings								
	D	5	1.20		2.10	12.60			
	W	18	1.50		1.35	36.45			
	Eastern side - columns	18	0.45		2.90	23.49			
	Passage	9	0.30		2.90	7.83			
	Lintels	1	112.30		0.20	22.46			
						102.83			
						384.49			
						1064.33	Sqmt	**1063.18**	**1131569.48**
	Basic Rate:	943.00							
	Add: Lift Charges for First Floor	30.00							
	Add: Lift Charges for Second Floor	30.00							
	Total	1003.00							
	Area Weightage @ 6%	60.18							
	Total	1063.18							
14	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to **ceiling** including rounding off corners wherever required smooth rendering,, Providing and removing scaffolding, including cost of materials, labour, lead, lift, curing complete as per specifications and direction of the Engineer in charge Providing Lime rendering for Plastering to Ceiling including cost of materials, labour, curing complete as per specification.								
	S.R Page no 113, item no 15.21/15.33								
	North Side	1	7.85	6.70		52.60			
		1	8.10	6.70		54.27			
		2	7.95	6.70		106.53			
		1	3.80	6.70		25.46			
		3	8.00	6.70		160.80			
	corridor	1	65.10	1.85		120.44			
	Eastern side	4	6.70	8.00		214.40			
		1	6.70	3.55		23.79			

	corridor	1	40.00	1.85		74.00			
						832.28	Sqmt	**230.02**	**191439.90**
	Basic Rate:	207.00							
	Add: Lift Charges for First Floor	5.00							
	Add: Lift Charges for Second Floor	5.00							
	Total	217.00							
	Area Weightage @ 6%	13.02							
	Total	230.02							
15	Providing 18mm thick cement plaster in single coat with **cement mortar 1:4,** to brick masonry including rounding off corners wherver required smooth rendering, : Providing **lime rendering** for plastering to wall and ceiling and Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications, direction of the Engineer in charge.for **Inside Plastering**								
	S.R.page113 item No.15.16and S.R.page 114 item 15.33								
	North side								
		1	29.00		3.35	97.15			
		1	29.60		3.35	99.16			
		2	29.30		3.35	196.31			
		1	21.00		3.35	70.35			
		3	29.40		3.35	295.47			
	Corridor	1	65.10		1.00	65.10			
		7	7.00		0.20	9.80			
		4	3.75		1.00	15.00			
						848.34			
	Deductions								
	D	8	1.20		2.10	20.16			
	W	31	1.50		1.35	62.78			
						82.94			
						765.41			
	Eastern side								
	Walls	4	29.40		3.35	393.96			
		1	20.50		3.35	68.68			
	Corriodor	1	40.00		1.00	40.00			
		4	7.00		0.20	5.60			
						508.24			
	Deductions								
	D	5	1.20		2.10	12.60			
	W	18	1.50		1.35	36.45			
						49.05			
						459.19			
						1224.59	Sqmt	**258.64**	**316727.96**
	Basic Rate:	234.00							
	Add: Lift Charges for First Floor	5.00							
	Add: Lift Charges for Second Floor	5.00							
	Total	244.00							
	Area Weightage @ 6%	14.64							
	Total	258.64							
16	Providing 18mm thick cement plaster in single coat with **cement mortar 1:4,** to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for **Outside Plastering**								
	S.R Page no 113, item no 15.16								
	North side								
		1	147.00		3.50	514.50			
	Corridor	1	65.33		1.00	65.33			
						579.83			
	Deductions								
	D	8	1.20		2.10	20.16			
	W1	31	1.50		1.35	62.78			
						82.94			

						496.90			
	Eastern side								
		1	98.48		3.50	344.68			
	corridor	1	40.00		1.00	40.00			
						384.68			
	Deductions								
	D	5	1.20		2.10	12.60			
	W	18	1.50		1.35	36.45			
						49.05			
						335.63			
						832.53	Sqmt	**243.80**	**202969.60**
	Basic Rate:	210.00							
	Add: Lift Charges for First Floor	10.00							
	Add: Lift Charges for Second Floor	10.00							
	Total for First Floor	230.00							
	Area Weightage @ 6%	13.80							
	Total	243.80							
17	Flooring with 20mm thick polished shahabad slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed withcement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications								
	S.R Page no 103, item no 14.16								
	North Side								
	Flooring area	1	7.85	6.70		52.60			
		3	8.00	6.70		160.80			
		1	8.10	6.70		54.27			
		2	7.95	6.70		106.53			
	Staff room	1	3.80	6.70		25.46			
	Corrdior	1	67.00	1.85		123.95			
	Skirting	1	27.90		0.10	2.79			
		3	28.20		0.10	8.46			
		1	28.40		0.10	2.84			
		2	28.10		0.10	5.62			
		1	19.80		0.10	1.98			
		11	3.00	2.00		66.00			
		11	7.00		0.30	23.10			
	Eastern side								
	Flooring area	3	6.70	8.00		160.80			
		1	6.70	7.80		52.26			
		1	6.70	3.35		22.45			
	Corridor	1	40.00	1.85		74.00			
	Skirting	3	28.20		0.10	8.46			
		1	27.80		0.10	2.78			
		1	19.30		0.10	1.93			
		4	3.00	2.00		24.00			
		4	7.00		0.30	8.40			
	Second Floor(North and Eastern Side)					**989.47**			
	Rises	48	1.50		0.15	10.80			
	Threads	46	1.50	0.30		20.70			
	Landing	2	3.10	1.80		11.16			
		2	3.50	1.80		12.60			
						55.26			
						1044.73	Sqmt	**1220.06**	**1274633.28**
	Basic Rate:	1148.00							
	Add: Lift Charges for First Floor	1.50							
	Add: Lift Charges for Second Floor	1.50							
	Total	1151.00							
	Area Weightage @ 6%	69.06							
	Total	1220.06							

18	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.								
	S.R Page no 32, item no 7.9								
	North Side								
	Windows	31	1.50		1.35	62.78			
	Eastern Side								
	Windows	18	1.50		1.35	36.45			
						99.23	Sqmt		
			99.23	21.00		**2083.83**	Kgs	**100.70**	**209841.68**
	Basic Rate:	85.00							
	Add: Lift Charges for First Floor	5.00							
	Add: Lift Charges for Second Floor	5.00							
	Total	95.00							
	Area Weightage @ 6%	5.70							
	Total	100.70							
19	Providing and applying enamel metal paint two coats(excluding priming coat) over new steel or other metal surfacebrushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.								
	S.R.page 120 item 15.74								
	For Second Floor								
	North Side	31	1.50		1.35	62.78			
	Eastern Side	18	1.50		1.35	36.45			
						99.23	Sqmt	**83.74**	**8309.10**
	Basic Rate:	79.00							
	Area Weightage @ 6%	4.74							
	Total	83.74							
20	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using threetrack window frame of size 92x31.75mm bottom section 1.3mm thick,weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933kg/m.shutter frame section comprising top and bottom section of size40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutterinterlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved qualityof fixtures such as aluminium handles tower bolts etc.; providing andfixing 5.5mm. thick plain glass for shutters fitted with rubber beading allaluminium sections including cutting to required length, joints mitredsubdividing the frame tenonned and rivetted, in the assembled frame,stiffened with end clips for corners, angles etc., and fixed to the walls,lintels, floor beams/cills as the case may be, with necessary steelscrews, raul plugs or teak wood gatties including cutting masonry orconcrete and making good the original surface using cement mortar.(using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder ofapproved quality.)								
	S.R.page 33 item 7.11.2								
	North Side	31	1.50		1.35	62.78			
	Eastern side	18	1.50		1.35	36.45			
						99.23	Sqmt	**4367.20**	**433335.42**
	Basic Rate:	4110.00							
	Add: Lift Charges for First Floor	5.00							
	Add: Lift Charges for Second Floor	5.00							
	Total	4120.00							
	Area Weightage @ 6%	247.20							
	Total	4367.20							

21	Fixing of door frames in an exisying opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications. Pg No 57,Item No9.80								
	S.R Page no 57 item no 9.80								
		13				13.00			
						13.00	Sqmt	**1073.78**	**13959.14**
	Basic Rate:	1013.00							
	Area Weightage @ 6%	60.78							
	Total	1073.78							
22	Providing **Honne wood frames** of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications								
	S.R.page 51 Item No.9.11								
	North side	8	1.50	0.10	0.125	0.15			
		8	2.10	0.10	0.125	0.21			
	Eastern side	5	1.50	0.10	0.125	0.09			
		5	2.10	0.10	0.125	0.13			
						0.59	Cum	**108792.04**	**63643.34**
	Basic Rate:	102634.00							
	Area Weightage @ 6%	6158.04							
	Total	108792.04							
23	Providing and fixing in position fully panelled **Honne Wood shutters for doors**, styles and rails of 40mm thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries Complete as per Specifications.								
	SR Page No.51, item No.9.15								
	North side	8	1.00		1.90	15.20			
	Eastern side	5	1.00		1.90	9.50			
						24.70	Sqm	**4801.80**	**118604.46**
	Basic Rate:	4524.00							
	Add: Lift Charges for First Floor	3.00							
	Add: Lift Charges for Second Floor	3.00							
	Total	4530.00							
	Area Weightage @ 6%	271.80							
	Total	4801.80							
24	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications								
	S.R.page 125 Item 15.106								
	Celing & Plastering Qty					2056.87			
						2056.87	Sqmt	**57.24**	**117734.95**
	Basic Rate:	54.00							
	Area Weightage @ 6%	3.24							
	Total	57.24							
25	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood basedsurface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications.								
	S.R.page 118 item 15.60.1								
	North side Door	8	1.20		2.10	20.16			
	Eastern Side	5	1.20		2.10	12.60			
						32.76			
	Area of painting		2.25			**73.71**	Sqmt	**85.86**	**6328.74**

	Basic Rate:	81.00							
	Area Weightage @ 6%	4.86							
	Total	85.86							
26	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on **wall surface** to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer)								
	S.R.page 116 item15.51.2								
	Internal Walls					1273.64			
						1273.64	Sqmt	**90.10**	**114754.96**
	Basic Rate:	85.00							
	Area Weightage @ 6%	5.10							
	Total	90.10							
27	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on **Ceiling surface** to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer)								
	S.R.page 116 item15.51.2								
	Second Floor								
	Ceiling Plastering Qty					832.28			
						832.28	Sqmt	**94.34**	**78516.82**
	Basic Rate:	89.00							
	Area Weightage @ 6%	5.34							
	Total	94.34							
28	Providing ACE paint to external walls of approved colour and shade over prime's coat.after brooming & cleaning the surface and applying two coats of ACE paint with cost of all material,labour,lead lift with loading unloading etc.complete as per direction of Engineer in charge of work.(Approved rates)								
	External walls								
						832.53	Sqmt	**180.00**	**149854.50**
29	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.								
	S.R.page.12 item No.4.5								
	North side	1	65.33	9.24	0.075	45.27			
	Eastern Side	1	40.00	9.24	0.075	27.72			
						72.99	Cumt	**5986.88**	**437004.46**
	Basic Rate:	5548.00							
	Add: Lift Charges for First Floor	50.00							
	Add: Lift Charges for Second Floor	50.00							
	Total	5648.00							
	Area Weightage @ 6%	338.88							
	Total	5986.88							
30	Extra for use of water proofing compound in cement concrete of mix 1:1.5:3, @ 1kg of compound per Bag of cement.								
	S.R.page.14 Item 4.25								
	Quantity vide item No.45					**72.99**	Cumt	**200.34**	**14623.56**
	Basic Rate:	189.00							
	Area Weightage @ 6%	11.34							
	Total	200.34							

31	Fixtures								
a	Providing and fixing of Door locking arrangements(page XIV,item no 397)								
			13			13	Each	633.00	8229.00
b	Providing and fixing of Handles powder coated 150mm(page XIV,item No,393)								
			13			13	Each	56.00	728.00
c	Providing and fixing of Hinges 5" heavy duty(Page No.XIV,item No395)								
			100			100	Each	37.00	3700.00
d	Providing and fixing of Hold fasts MS (Page No XIV, item No 396)								
			13			13	Each	38.00	494.00
e	Providing and fixing of Tower bolt 300mm long(page No,XIV, item No 412)								
			30			30	Each	116.00	3480.00
								TOTAL	9342713.02
32	Miscelleneous								286.98
								GRAND TOTAL	9343000.00

(RUPEES NINETY THREE LAKHS FORTY THREE THOUSAND ONLY)

CERTIFICATES

1) The work spot has been inspected and found to be necessary
2) This estimate is prepared as per KPWD SR. of 2015-16 & Approved Rates
3) The provisions were made in this estimate are necessary and adequate.
4) This works come under B.B.M.P. limits.
5) The work is not Spilt Up.

Assistant Engineer
Project Sub Division
Yelahanka Zone, BBMP

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone, BBMP

Executive Engineer
Project division
Yelahanka Zone, BBMP Bangalore
21/2/16